

IN THE CLAIMS:

- Sub B17
- A3
1. (Original) A method for providing device management in a logical volume management system, comprising:
receiving device information from a device driver for a device; and
transforming the device into a logical disk based on the device information.
 2. (Original) The method of claim 1, wherein the device is transformed into the logical disk by a device manager plug-in module.
 3. (Original) The method of claim 1, further comprising:
transforming the logical disk into a logical partition.
 4. (Original) The method of claim 3, wherein the logical disk is transformed into the logical partition by a partition manager plug-in module.
 5. (Original) The method of claim 3, further comprising:
constructing a volume group from the logical partition.
 6. (Original) The method of claim 5, wherein the volume group is constructed by a volume group simulator plug-in module.
 7. (Original) The method of claim 3, further comprising:
creating a logical volume from the logical partition.
 8. (Original) The method of claim 7, wherein the logical volume is created by a feature plug-in module.

9. (Original) The method of claim 7, further comprising:
exporting the logical volume.
10. (Original) An apparatus for providing device management in a logical volume management system, comprising:
reccipt means for recciving device information from a device driver for a device;
and
logical disk means for transforming the device into a logical disk based on the device information.
11. (Original) The apparatus of claim 10, wherein the logical disk means comprises a device manager plug-in module.
12. (Original) The apparatus of claim 10, further comprising:
logical partition means for transforming the logical disk into a logical partition.
13. (Original) The apparatus of claim 12, wherein the logical partition means comprises a partition manager plug-in module.
14. (Original) The apparatus of claim 12, further comprising:
volume group means for constructing a volume group from the logical partition.
15. (Original) The apparatus of claim 14, wherein the volume group means comprises a volume group emulator plug-in module.
16. (Original) The apparatus of claim 12, further comprising:
logical volume means for creating a logical volume from the logical partition.
17. (Original) The apparatus of claim 16, wherein the logical volume means comprises a feature plug-in module.

18. (Original) The apparatus of claim 16, further comprising:
export means for exporting the logical volume.
19. (Original) A computer program product, in a computer readable medium, for
providing device management in a logical volume management system, comprising:
instructions for receiving device information from a device driver for a device;
and
instructions for transforming the device into a logical disk based on the device
information.
20. (Original) The computer program product of claim 19, wherein the instructions
for transforming the device into a logical disk comprise a device manager plug-in
module.